Serial No. FORM PTO-1449 US DEPARTMENT OF COMMERCE Atty. Docket No. 80236DPCW To Be Assigned PATENT AND TRADEMARK OFFICE Customer No. 01333 If AFTER the later date of the first Office Action or 3 Ramanathan Srinivasan, et al months from filing, use only with Rule 97(E) Certificate or Fee LIST OF ART CITED BY APPLICANT Filing Date To Be Assigned Herewith (Use several sheets if necessary) **U.S. PATENT DOCUMENTS** CLASS SUBCLASS FILING DATE Examiner DOCUMENT NUMBER DATE IF APPROPRIATE Initial\* W 216 99 Hosali et al. 5,738,800 14Apr1998 5,759,917 02Jun1998 Grover et al. 438 690 09Oct2001 Kido et al. 51 309 6,299,659 BI 79.1 28Mar2000 Hosali et al. 252 6,042,741 17Oct2000 Hosali et al. 252 79.1 6,132,637 691 6,218,305 B1 17Apr2001 Hosali et al. 438 106 3 6,027,554 22Feb2000 Kodama et al. 3 02Mar1999 106 5,876,490 Ronav 5,575,885 19Nov1996 Hirabayashi et al. 156 626.1 31Mar1998 Kodama et al. 438 692 5,733,819 438 693 6,410,444 25Jun2002 Kido et al. 438 693 6,436,835 20Aug2002 Kido et al. FOREIGN PATENT DOCUMENTS CLASS SUBCLASS TRANSLATION DATE COUNTRY DOCUMENT NUMBER Examiner Initial\* PCT (See EP1061111A1 for X WO99/43761 01Sep1999 english equivalent) EPO (Eng. Eqv. WO99/43761) X EP 1 061 111 A1 20Dec2000 X 0 786 504 A2 30Jul1997 EP C09G 1/02 0 846 740 A1 10Jun1998 EP C09G 1/02 Х EР HOIL 21/3105 х 0 853 335 A2 15Jul1998 WO 99/53532 21Oct1999 **PCT** HOIL 21/00 Х 0 659 858 A2 28Jun1995 EP C09G OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.) Chemical Mechanical Planarization of Microelectronic Materials, "8.1.2 Shallow Trench Isolation"; by J. M. Steigerwald, S. P. Muraka, and R. J. Gutman; ISBN 0-471-13827-4 (Jon Wiley & Son, Inc. 1997), pages 273-274. A High Oxide: Nitride Selectivity CMP Slurry For Shallow Trench Isolation; by Sharath Hosali and Ray Lavoie; Electrochemical Society Proceedings, Volume 98-7, pages 218-234. Application of Ceria-Based High Selectivity Slurry to STI CMP for Sub 0.18 µm CMOS Technologies; by Ki-Sik Choi, Sang-Ick Lee, Chang-Il Kim, Chul-Woo Nam, Sam-Dong Kim, and Chung-Tae Kim; CMP-MIC Conference, February 11-12, 1999, pages 307-313. A Production-Proven Shallow Trench Isolation (STI) Solution Using Novel CMP Concepts; by Raymond R. Jin, Jeffery David, Bob Abbassi, Tom Osterheld, and Fritz Redeker; CMP-MIC Conference, February 11-12, 1999, pages 314-321. A Wide Margin CMP and Clean Process For Shallow Trench Isolation Applications; by Brad Withers, Eugene Zhao, Rahul Jairath; CMP-MIC Conference, February 19-20, 1998, pages 319-327. Planarization Process and Consumable Development For Shallow Trench Isolation; by Sharath D. Hosali, et al.; CMP-MIC Conference, February 13-14, 1997, pages 52-57. Pattern Dependence And Planarization Using Silica Or Ceria Slurries For Shallow Trench Isolation; by D. R. Evans, et al.; CMP-MIC Conference, February 19-20, 1998, pages 347-350. A Two-Step CMP-RIE Planarization Sequence For Advanced Trench Isolation Process; by Konstantin Smekalin; CMP-MIC Conference, February 13-14, 1997, pages 21-28. Raising Oxide; Nitride Selectivity To Aid In The CMP Of Shallow Trench Isolation Type Applications; by C.R. Mills, et al.; CMP-MIC Conference, February 13-14, 1997, pages 179-185. DATE CONSIDERED **EXAMINER** red, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformation of the conformation of applicant.